


PRELIMINARY AMENDMENT
U.S. Appln. No. 09/626,078

REMARKS

Entry and consideration of this Amendment is respectfully requested. These amendments are being made to further clarify the claimed invention. They are not intended to narrow the scope of the claims.

Respectfully submitted,


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Date: August 28, 2001

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APPENDIX
VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS:

Claims 3, 4 and 6-8 are canceled.

The claims are amended as follows:

1. A connection managing method of a digital interface for performing a connection management for a plurality of devices connected by a digital interface, the plurality devices including operation modes having a normal mode for performing a usual operation prescribed in the digital interface standard and a private mode for performing an operation which selectively controls the external device, the method comprising the steps of:

[(a) the user sending a command requesting an operation mode to be established in a private mode to a first arbitrary device;]

[(b)] (a) establishing the private mode as [the] an operation mode in [the] a first arbitrary device in response to [the] a user's command;

[(c)] (b) the first device identifying devices having the right to access related registers to store in itself information relating to the identified devices;

[(d)] (c) the first device determining whether there is a request for access to the related registers by a third-party device;

[(e)] (d) determining whether the third-party device is included in the previously stored devices if there is a request;

[(f)] (e) the first device accepting the request of the third-party device if the third-party device is determined to be included in the devices stored in the step [(e)] (d); and

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[(g)] (f) the first device returning an error code to the third-party device, which indicates that the first device cannot accept the request, if the third-party device is not determined to be included in the devices stored in the step [(e)] (d).

5. The method of claim 1, wherein the establishment of the operation mode is made on the basis of the overall device, subunit, or a specific output plug, and in the step [(b)] (a) a private mode is established in the overall device, subunit, or a specific output plug.

9. The method of any of claims [1-8] 1, 2 and 5, wherein the digital interface conforms to the IEEE 1394 standard.